

ideas come when
you let yourself go

MT1065	XGA, 3,200 ANSI
MT1060	XGA, 2,600 ANSI
MT860	SVGA, 2,800 ANSI

wireless & wired LAN
power zoom & power auto focus lens
automatic color correction
boundless connectivity
enhanced security features
award winning service and support



**NEC MT1065,
MT1060 and MT860
portable projectors**

Empowered by Innovation

NEC

ideas flow freely and easily with the MT60™ Series projectors.

Let yourself go and watch your ideas flow! The MT Series conference room projectors let you express your creativity like never before, keeping your audience on the edge of their seats. The most versatile projector you will find anywhere in its class, the MT Series wows them with realistic color and super bright images. Whether you're presenting to the board, at a sales meeting, or to your congregation, you will captivate and convince with your message and your style with the MT60 series, the superior choice in projectors.

With the MT Series you have it all! Boundless connectivity lets you display images from video, Powerpoint, or a spreadsheet for a seamless, presentation. The specially designed auto focus lens lets you quickly and easily switch between multiple screens, such as a Smart Board or a drop down screen, without having to stop and make manual adjustments. And whether you're projecting onto a colored or textured wall or unique screen material, your images will always be accurate and true-to-life—automatic color (wall) correction makes it a breeze. With optional wireless or wired networking, the MT Series is ready for remote diagnostics or real time display. It even provides email notification for potential problems so your projector will be ready to go when you are. Setting a new standard for security, the MT Series offers enhanced safety features including a PC security card option, password protection, a lock slot, and cabinet control panel lock so your projector and information always stays safe and secure. This unique set of features and exclusive technologies give you freedom and flexibility to let your ideas flow.

From the lens to the connector panel, our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. Should a need arise, rest assured that NEC will be there with award winning service and support including InstaCare®, InstaCare XpressSM, and TravelCareSM.

wireless or wired networking options

boundless connectivity

automatic color (wall) correction

power zoom and power auto focus lens

multi-level security features

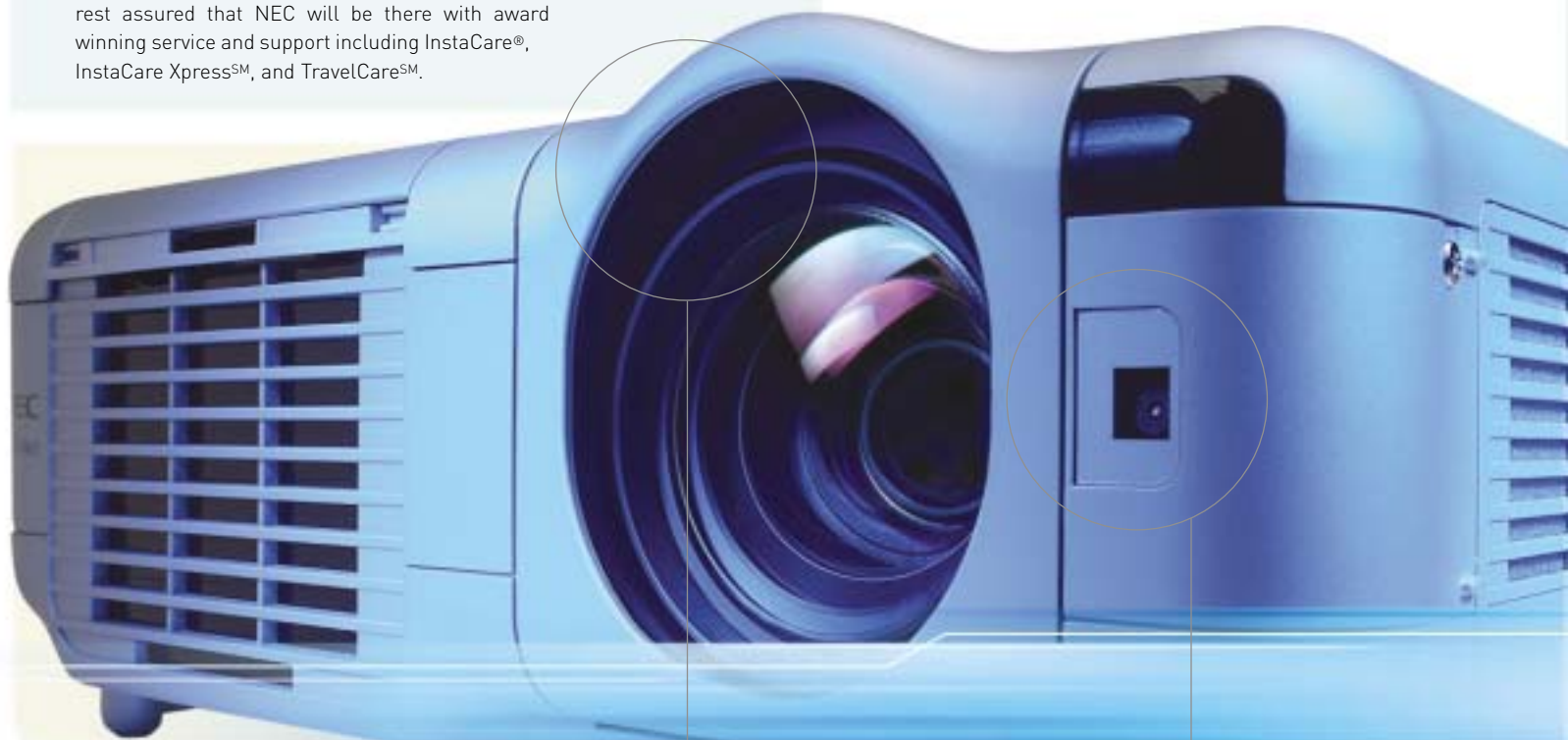
eco-mode lamp technology

easy set up and operation

MT1065-3200 ANSI, XGA

MT1060-2600 ANSI, XGA

MT860-2800 ANSI, SVGA



quick install
optional lenses



integrated
image sensor



sometimes being square is a good thing.

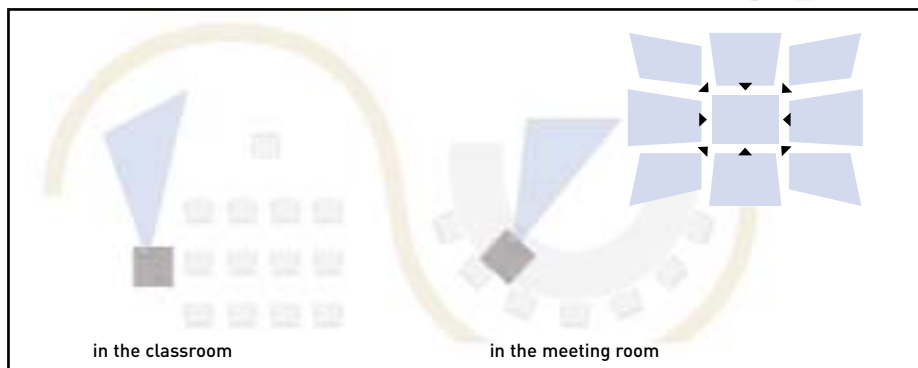
Now you can display a perfectly square image even from the most severe angle with NEC's proprietary new 3-D Reform™ geometry correction technology. The result is a vivid, razor-sharp image. If the projection is distorted, simply set the four corners of the screen to activate the keystone correction then square the picture. With horizontal correction ability of $\pm 27^\circ$ and vertical of $\pm 40^\circ$, this allows greater freedom in projector and room set up because now the projector can be at an angle to the screen. When a USB mouse is connected, keystone corrections can be made with a simple click.

wired and wireless local networks.

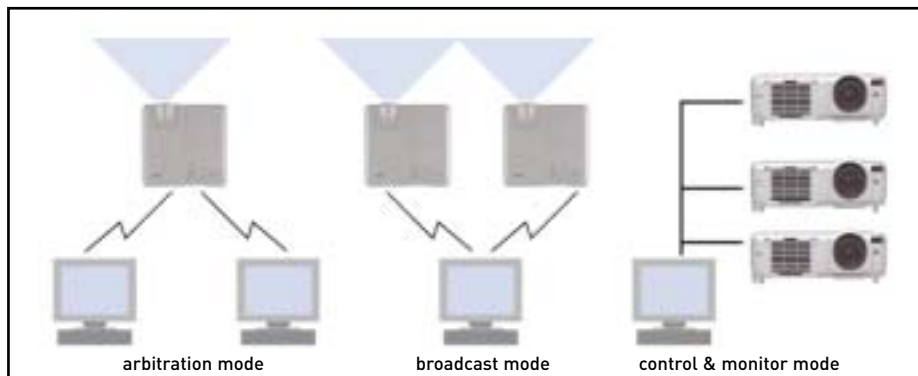
The MT60 Series projectors are either wireless or wired networking compatible with NEC's ImageXpress™ utility and optional PC network card. ImageXpress makes possible the fast, efficient, high-quality transfer of computer screen information to the projector.

In arbitration wireless mode you can have several users give presentations from separate notebooks, in succession and in real time using the same projector. Peer-to-peer wireless mode lets you project to multiple screens using multiple projectors from a single notebook. No more bothersome cables, no more meeting interruptions, no more worries.

Remote diagnostic, monitoring and control are also available over the network when using a separate computer. You can switch on/off the unit, check lamp usage and even setup system users to receive email notification of projector information so downtime is greatly reduced or eliminated.



wireless and wired LAN



special features

full screen display flexibility.

The MT60s give you freedom and flexibility with your display choices. Incorporating the latest in NEC chip technology. We give you the ability to use a 16:9 screen while displaying 4:3 information on the full area of the 16:9 screen. Achieved through non-linear image management, the center screen information maintains a more normal look and feel. You can also vertically shift the image when displaying information to eliminate the black bars at the top or bottom of the screen.

keep your presentation and projector safe.

No need to worry about the safety of your projector. The MT60 Series has enhanced security including password protection and an optional security PC card feature that completely disables the projector to unauthorized users. To protect against projector theft, you can purchase ceiling mounts from NEC that feature security screws and include attachments for locks. Control panel buttons can also be locked to ensure projector settings are not changed by an unauthorized user.

serving special needs and the environment.

Using a projector should be an enjoyable experience. Responding to the latest government requirements, the MT60 series is ADA508 compliant. This allows users to select the display color of the menu settings and to enable closed captioning. NEC is also concerned about our environment and we have designed the MT60s to operate at <1 watt in standby mode, meeting presidential Executive Order 13221.

whisper quiet operation and long life lamp.

The MT60 Series features extremely low fan noise at 29dB in super EcoMode, making them among the quietest models available. In addition, when used with the optional long life lamp you get up to 4,000 hours of lamp operation time enhancing your total cost of ownership.

environmentally friendly and conserves energy.

We take our responsibility to the environment very seriously, especially since our products are used worldwide. We continually look for ways to improve the efficiency of our projectors with features like EcoMode that reduces overall projector power consumption and help conserve energy. In addition our projector factories are certified to meet the ISO environmental quality standard (ISO 14001) and are ISO9001 and ISO9002 certified.



ECO-MODE

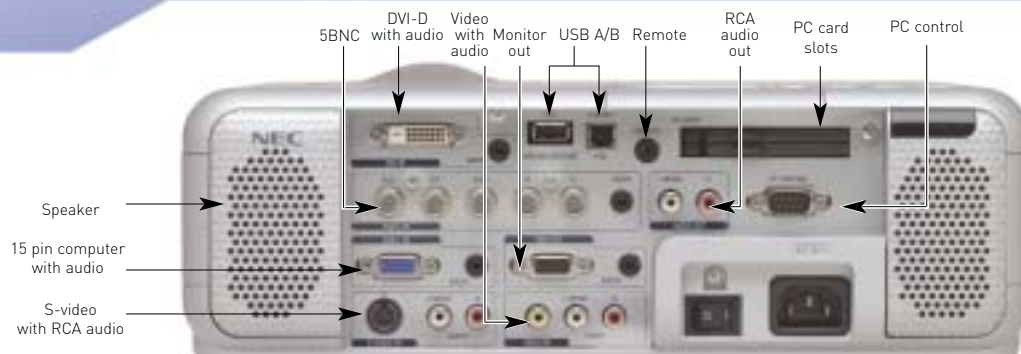


JOA-EM1665

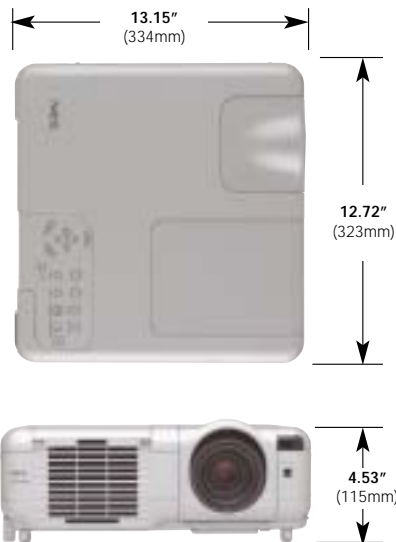


JOA-1729

connections



MT1065/MT1060/MT860



Accessories



LAMP

MT60ATA

MT60TC

REMOTE

Additional Features

Wireless or Wired Networking	With optional network cards, access your projector to handle remote diagnostics or provide for real time display. Also, provides email notification selection.
Auto Focus lens	Automatically have the projector focus to the screen. Allows for the use of multiple screens and easily switch between them with minimal user interface.
Automatic (Wall) Color Correction	Provides for true color reproduction when projecting onto non-standard displays (colored or textured walls)
Security Enhancements	You can enable projector to become inoperable if password or PCMCIA security card are not input. Cabinet Control Panel Lock - cabinet control locks keys to prevent unauthorized access and adjustments. Password protected Logo and menu enable to further eliminate unauthorized use. Lock slot, to secure projector.
Variable Audio Out	Control external audio sources through the projector
Lamp ID Timer	Allows you to switch between lamps and know remaining lamp life of the individual lamp
Optional Long Life Lamp	Up to 4000 hours expected life, when total cost of operation is primary.
VORTEX Technology Plus™	Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences.
Sleep Timer	Timer can be set to automatically turn off the projector at selected intervals up to 16 hours.
Advanced AccuBlend™	Ensures detailed images when non-native resolution sources are connected to the projector.
AutoSense™	Automatic set-up and one touch adjustments for ease of use
Eco-Mode™	Increase lamp life through light output adjustments
Built-in Presentation Viewer	Download your presentation onto a PC Card and present directly from the projector
Image magnification	64-step magnification with location control
USB input A and B	When a USB mouse is connected the presenter can make on screen annotations for USB A. USB B allows for hub connections
Government Regulation Compliance	ADA508 and Executive Order 13221 compliant



For more information, call (800) NEC-INFO
or visit www.necvisualsystems.com

NEC is a registered trademark of NEC Corporation.
All other trademarks are the property of their respective owners.
All specifications subject to change without notice.

NEC Solutions (America), Inc.
Visual Systems Division
1250 Arlington Heights Rd., Suite 500
Itasca, IL 60143-1248

Optical

LCD Panel	MT1065 - 1.0" p-Si TFT w/ MLA MT1060/MT1060R/MT860 - 1.0" p-Si TFT
Resolution	MT1065/MT1060/MT1060R - 1024x768 pixels up to UXGA with Advanced AccuBlend MT860 - 800x600 pixels up to UXGA with Advanced AccuBlend
Lens	Power zoom and power focus with auto focus* MT1065/MT1060/MT860 - F=1.74-2.18, f=30.8-41.6mm Manual focus MT1060R - F=1.9, f=20.2mm
Light Output (ANSI, typical)	MT1065 3200/2600 std/eco MT1060 2600/2100 std/eco MT1060R 2500/2000 std/eco MT860 2800/2200 std/eco
Optional Extended life lamp (ANSI, typical)	MT1065 1900 super-eco MT1060 1600 super-eco MT1060R 1500 super-eco MT860 1700 super-eco
Lamp	275W/220W/160W NSH, std/eco/extended
Lamp Life (up to)	Optional extended lamp 4000H Standard lamp EcoMode 3000H Standard lamp normal mode 2000H
Contrast Ratio	> 800:1
Image Size	MT1065/MT1060/MT860 25 - 500 inches diagonal MT1060R 50 - 100 inches diagonal
Keystone Correction	±40° (Vertical), ±27° (Horizontal)
Projection Distance	MT1065/MT1060/MT860 2.46-68.9ft, 0.75-21m MT1060R 3.28-6.56ft, 1-2m
Projection Angle	MT1065/MT1060/MT860 Tele: 10.3 - 10.7°; Wide: 13.7 - 14.4°; MT1060R 0°

Electrical

Inputs	1 DVI-D**, 1 5-BNC, 1 RGB, 1 S-Video, 1 Video, 2 PC Card 2 L/R RCA Audio, 3 Stereo Mini Audio, 1 USB A, 1 Remote
Outputs	1 RGB, 1 Stereo Mini Audio, 1 L/R RCA Audio, 1 USB B, 1 9-Pin PC Control, 1 Mouse
Video Compatibility	NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, HDTV: 1080p, 1080i, 720p, 480p, 480i (w/optional cable), Y/Cb/Cr component (w/optional cable)
Scan Rate	Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 48 to 120 Hz
Video Bandwidth	RGB 80MHz
Pixel Clock Freq	102MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal Resolution	NTSC, NTSC4.43, PAL/PAL-M/PAL-N/PAL-60 - 600TV lines, S-video (NTSC/PAL) - 650 TV lines SECAM - 350 TV lines, Y/Cb/Cr - 800TV lines, MT1065/MT1060/MT1060R - RGB - 1024dots (H) x 768dots (V); MT860 - RGB - 800dots (H) x 600dots (V)
External Control	RS232, IR (AMX/Crestion compatibility) USB, LAN
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	5Wx2 with volume, bass, treble control
Fan Noise	MT1065/MT1060/MT860-Normal mode <39, EcoMode <34, Super EcoMode <29 MT1060R- Normal mode <42, EcoMode <38, Super EcoMode <33
Power Requirements	100-120VAC/200-240VAC, 50/60Hz
Input Current	4A (100-120VAC), 2A (200-240VAC)
Power Consumption	390W (all models)

Mechanical

Installation	Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions	MT1065/MT1060/MT1060R/MT860 (WxDxH) -13.15"x12.72"x4.53", 334mmx323mmx115mm (Not including protrusions)
Net Weight	MT1065/MT1060/MT860 -13.lb. (5.9 Kg) MT1060R -14.0lb. (6.3Kg)
Environment	Operational Temp. MT1065/1060/860 - 32 to 95°F / 0° to 35°C MT1060R - 32° to 104°F / 0° to 40°C Humidity 20-80% non-condensing Storage 14° to 122°F / -10 to 50°C
Regulations	USA UL 1950 FCC Class B Canada CSA950 (C-UL)
Accessories	Users manual, wired/wireless addressable remote control with laser pointer, power cable, remote cable, signal cable, USB mouse, quick connect guide, registration card, Application CD-ROM
Warranty	Registered owners receive a 2-year limited, parts and labor warranty including InstaCare. InstaCare provides the original owner either limited 3 business day repair/return or next business day exchange. The lamp when used under normal operating conditions is covered for 1000 hours or 6 months, whichever comes first.

Product/Accessories

Order Code	Description
LCDMT1065	MT1065, XGA, 3200 ANSI projector
LCDMT1060	MT1060, XGA, 2600 ANSI projector
LCDMT1060R	MT1060 with short throw lens, XGA, 2500 ANSI projector
LCDMT860	MT860, SVGA, 2800 ANSI projector (shipping January 2003)
MT60-10RL	1:1 Short throw lens, MT60 Series
MT60-26ZL	2.7-4.2:1 power zoom and power focus lens (shipping January 2003)
MT60LP	Replacement lamp for MT60 Series
MT60LPS	Optional Extended life lamp for MT60 Series
MT60CM	Ceiling mount kit MT60 Series
MT60TC	Local transport/storage case w/wheels for MT60 Series
MT60ATA	ATA shipping case for MT60 Series
MT60RMT	Replacement remote for MT60 Series
SWL-2100N	Wireless network card

* Auto focus feature not available on MT860 or MT1060R

** DVI-D input not available on MT860

*** Wall color correction not available on MT860 or MT1060R